BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2024-25/OW/WORK_INDENT6946

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/KPPP/13/2024-25, Date: 10-02-2025

Name Of Work: Improvements of roads and drains C.P layout and Devinagar and surroundings area in ward no.11, Kodigehalli, Kodigehalli sub division.. (Job Number: 011-25-000012).

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of MAMATHA (ROHAN CONSTRUCTIONS)		Amount
				In Figures	In Words	
1	655.20	Removing and resetting of Footpath slab.	Sqm	246.73	Rupees Two Hundred Forty Six and Seventy Three Paise Only	*Rs.1,61,657.50*
2	119.00	Removing and resetting of precast kerb stones fixed with CM 1:3 fixed and finished in line as per direction of Engineer in charge.	m	40.42	Rupees Forty and Forty Two Paise Only	*Rs.4,809.98*
3	1172.38	Earth work excavation by manual means In all kinds of soils Depth upto 1.5 m for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	279.48	Rupees Two Hundred Seventy Nine and Forty Eight Paise Only	*Rs.3,27,656.76*
4	4.00	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates.	Cum	7209.98	Rupees Seven Thousand Two Hundred Nine and Ninety Eight Paise Only	*Rs.28,839.92*
5	111.03	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:4:8 Using 40 mm nominal size graded crushed coarse aggregates.	Cum	6541.30	Rupees Six Thousand Five Hundred Forty One and Thirty Paise Only	*Rs.7,26,280.54*

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6	373.26	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates.	Cum	7667.49	Rupees Seven Thousand Six Hundred Sixty Seven and Forty Nine Paise Only	*Rs.28,61,967.32*
7	22.39	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures.	Tonne	91249.01	Rupees Ninety One Thousand Two Hundred Forty Nine and One Paise Only	*Rs.20,43,065.33*
8	469.80	Providing and laying 100mm thick pre-cast cover slabs over Road side drains / utility ducts / Rain water harvesting pit of width not exceeding 1000 mm using M20 concrete reinforced with TMT bars Fe 550 @ 6kg/m2, slabs jointed in CM 1:3 proportion and nicely finished Including providing holes in the Cover slabs wherever necessary for easy drain age of surface water including of labour, materials, scaffolding, usage of machinery, curing, lead and lift charges etc, Complete.	Sqm	1351.22	Rupees One Thousand Three Hundred Fifty One and Twenty Two Paise Only	*Rs.6,34,803.16*
9	113.00	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work.	Nos	532.30	Rupees Five Hundred Thirty Two and Thirty Paise Only	*Rs.60,149.90*
10	234.40	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth.	Cum	109.71	Rupees One Hundred Nine and Seventy One Paise Only	*Rs.25,716.02*

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11	175.80	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	Cum	2955.36	Rupees Two Thousand Nine Hundred Fifty Five and Thirty Six Paise Only	*Rs.5,19,552.29*
12	1172.00	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 kg/m2 using mechanical means.	Sqm	47.35	Rupees Forty Seven and Thirty Five Paise Only	*Rs.55,494.20*
13	58.60	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.0 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	10138.78	Rupees Ten Thousand One Hundred Thirty Eight and Seventy Eight Paise Only	*Rs.5,94,132.51*
14	3938.00	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.	Sqm	13.86	Rupees Thirteen and Eighty Six Paise Only	*Rs.54,580.68*
15	157.51	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects.	Cum	12650.67	Rupees Twelve Thousand Six Hundred Fifty and Sixty Seven Paise Only	*Rs.19,92,607.03*
16	122.00	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.	Sqm	612.09	Rupees Six Hundred Twelve and Nine Paise Only	*Rs.74,674.98*
17	1406.78	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3).	Cum	155.91	Rupees One Hundred Fifty Five and Ninety One Paise Only	*Rs.2,19,331.07*
18	1406.78	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	Cum	138.59	Rupees One Hundred Thirty Eight and Fifty Nine Paise Only	*Rs.1,94,965.64*
					Total Amount	*Rs.1,05,80,284.83*

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Executive Engineer
Byarayanapura Division
Bruhat Bengaluru Mahanagara Palike